

Exhibit A.1: Country Participation in TIMSS 2023 and in Earlier TIMSS Assessments

Country	Grade 4							Grade 8							
	2023	2019	2015	2011	2007	2003	1995	2023	2019	2015	2011	2007	2003	1999	1995
Albania	●	●													
Armenia	●	●	●	●	○	●				●	●	○	●		
Australia	●	●	●	●	●	●	●	●	●	●	●	●	●	○	●
Austria		●		●	●		●	●							○
Azerbaijan	●	●		●				●							
Bahrain	●	●	●	●				●	●	●	●	●	●		
Belgium (Flemish)	●	●	●	●		●							●	●	●
Belgium (French)	●														●
Bosnia & Herzegovina	○	●										●			
Brazil	●							●							
Bulgaria	●	●	●									●	●	●	●
Canada	●	●	●				○			○				●	●
Chile	●	●	●	●				●	●	●	●	●	●	●	
Chinese Taipei	●	●	●	●	●	●		●	●	●	●	●	●	●	
Cote d'Ivoire								●							
Cyprus	●	●	●			●	●	●	●			●	●	●	●
Czech Republic	●	●	●	●	●		●	●				●		●	●
Denmark	●	●	●	●	●										●
England	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Finland	●	●	●	●				●	●		●			○	
France	●	●	●					●	●						●
Georgia	●	●	●	●	●			●	●	●	●	●			
Germany	●	●	●	●	●										●
Hong Kong SAR	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Hungary	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Iran, Islamic Rep. of	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Iraq	x														
Ireland	●	●	●	●			●	●	●	●					●
Israel							○	●	●	●	●	○	○	○	○
Italy	●	●	●	●	●	●	○	●	●	●	●	●	●	●	○
Japan	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Jordan	●		●					●	●	●	●	●	●	●	
Kazakhstan	●	●	○	●	○			●	●	○	●	●	●	●	
Korea, Rep. of	●	●	●	●			●	●	●	●	●	●	●	●	●
Kosovo	●	●													
Kuwait	●	●	●	○	○		○	●	●	●		○			○
Latvia	●	●	●	●	○	●	○	●	●	●	●	●	●	○	○
Lithuania	●	●	●	●	●	●		●	●	●	●	●	●	●	●
Macao SAR	●														
Malaysia								●	●	●	●	●	●	●	
Malta		●		●				●		●		●			
Montenegro	●	●													
Morocco	●	●	●	●	○	○		●	●	●	●	○	○	○	
Netherlands	●	●	●	●	●	●	●						●	●	●
New Zealand	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
North Macedonia	●	●						●	●	●	●	●	●	●	
Norway	●	●	●	○	○	○	○	●	●	●	○	○	○		○
Oman	●	●	●	●				●	●	●	●	●	●		
Palestinian Nat'l Auth.								●			●	●	●		
Poland	●	●	●	○											
Portugal	●	●	●	●			●	●	●						●
Qatar	●	●	●	●	○			●	●	●	●	○			
Romania	●			●				●	●	●	●	●	●	●	
Saudi Arabia	●	●	●	●				●	●	●	●	○	○		
Serbia	●	●	●	●								●	●		
Singapore	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Slovak Republic	●	●	●	●	●							●	●	●	●
Slovenia	●		●	●	●	●	●			●	●	●	●	○	●
South Africa	●	●	●	●				●	●	●	●		○	○	○
Spain	●	●	●	●											●
Sweden	●	●	●	●	●			●	●	●	●	●	●		●
Türkiye	○	●	○	○				○	●	●	●	○		○	
United Arab Emirates	●	●	●	●				●	●	●	●	●	●	●	●
United States	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Uzbekistan	●							●							
Benchmarking Participants															
Ontario, Canada	●	●	●	●	●	●	●		●	●	●	●	●	●	●
Quebec, Canada	●	●	●	●	●	●	●		●	●	●	●	●	●	●
Kurdistan Region of Iraq	x														
Abu Dhabi, UAE	●	●	●	●				●	●	●	●	●			
Dubai, UAE	●	●	●	●	●			●	●	●	●	●			
Sharjah, UAE	●							●							

- Indicates participation in assessment cycle
- Indicates participation but data not comparable for measuring trends (e.g., due to differences in population coverage)
- x Indicates participation but data not internationally comparable